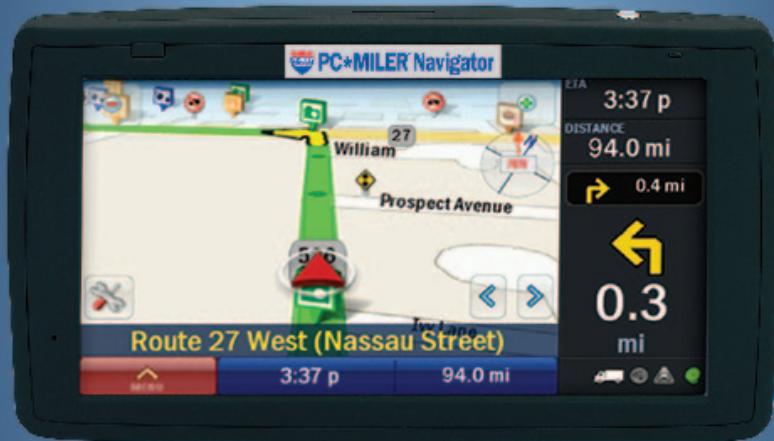




PC*MILER Navigator 750

All-In-One GPS for Truck Drivers



User's Guide



Welcome

Thank you for choosing PC*MILER Navigator.

This guide will tell you everything you need to know about using your PC*MILER Navigator. It will explain the basics, share some tips for operations and show you how to customize your unit.



FOR YOUR SAFETY

Do not operate product while driving!

It is your sole responsibility to use the product in a safe and responsible manner.

Stay alert and pay attention to road signs!

It is your responsibility to obey local traffic laws, posted road signs and safety regulations at all times.

NOTE: The PC*MILER Navigator is designed to calculate the most efficient truck-specific route for you. However, new roads are continually being built, old roads redesigned, and truck restrictions changed. ALK shall not be liable for any errors or omissions of either the map data or truck restrictions data contained in the product. You, the user, acknowledge and agree that the map data, the truck restrictions data and the routing may not be accurate. By using this product you accept the above and relieve ALK from any and all liability.

Getting Started

In the Box:

- PC*MILER Navigator
- QuickStart Guide
- User Manual
- Windshield Mounting System (adjustable arm with suction cup & navigator cradle)
- Truck Charger
- Mini USB Cable



PC*MILER
Navigator



Quick Start
Guide
and User
Manual



Mini USB
Cable



Windshield
Mount



Truck
Charger

The CoPilot Truck GPS navigation software with street-level maps of United States and Canada comes pre-installed on your PC*MILER Navigator device. No additional installation necessary.

Identification



SD Logo is a trademark.

Mounting your PC*MILER Navigator

Your PC*MILER Navigator can easily be secured to your windshield for optimal viewing while driving. The mounting system consists of the following pieces:

- Adjustable arm with suction cup

- Navigator cradle

NOTE: Stylus is located on the back of the Navigator cradle

Assembling the Windshield Mount



- Select a location for the mount on the windshield that does not obstruct the driver's view or interfere with operation of the vehicle.
- Clean and dry this area to remove any grease or dirt.
- Place suction cup on the windshield in the desired location; push the locking lever towards the base of the mount. The mount should stick to the surface.

If mount does not stick, make sure the area is clean and dry, then try again.

- Align the tabs on the holder with the slots on the Navigator cradle. Slide together until the cradle is seated firmly.
- Adjust the adjustable arm to the best viewing angle by:
 - Loosening the adjustor dials
 - Moving the corresponding part to the desired position
 - Tightening the adjustor dials
- Align the grooves on the bottom of your unit with the tabs on the bottom of the navigator cradle; gently push the unit into the cradle until the unit seats firmly.

- To remove the PC*MILER Navigator from the mount, gently push back the tab on the top of the cradle until the unit is released.

Detaching the Mount

- Pull the locking lever away from the base of the mount.
- Grasp the pull tab of the suction cup and gently pull away from the windshield to break suction.



FOR YOUR SAFETY

When using navigational aids it is your sole responsibility to place, secure, and use these aids in a manner that will not cause accidents, personal injury, property damage, or in any manner obstruct your view.

In Minnesota, GPS systems can only be attached to the lower third of your windshield. (Minnesota Statute: 169.71).

Connecting the Truck Charger



- Insert the mini-USB end of the charger into the mini-USB port of the PC*MILER Navigator.
- Insert the opposite end of the charger into truck power port.

Home chargers are available at pcmnav.com.

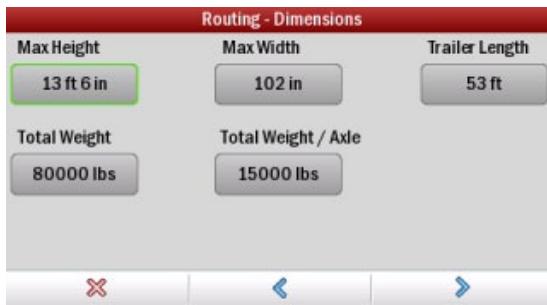
NOTE: Tapping Decline will take you out of the navigation software. To use the PC*MILER Navigator, the user must agree to and accept the End User License Agreement.

6. How to Scroll

- Read the on-screen how to scroll directions and tap 

7. Routing – Dimensions

- Personalized routing dimensions are: Max Height, Max Width, Trailer Length, Total Weight and Total Weight/Axle.
- To change personalized routing dimensions, tap the routing dimension to be changed > enter dimension > tap **Save**.
- Repeat this procedure until all personalized routing dimensions are entered, and then tap 



8. Custom Routing Type

WARNING: Changing these values will change how CoPilot Truck calculates your ETA as well as how it determines the optimal route.

14. Warning

- Read warning and tap **Accept**.

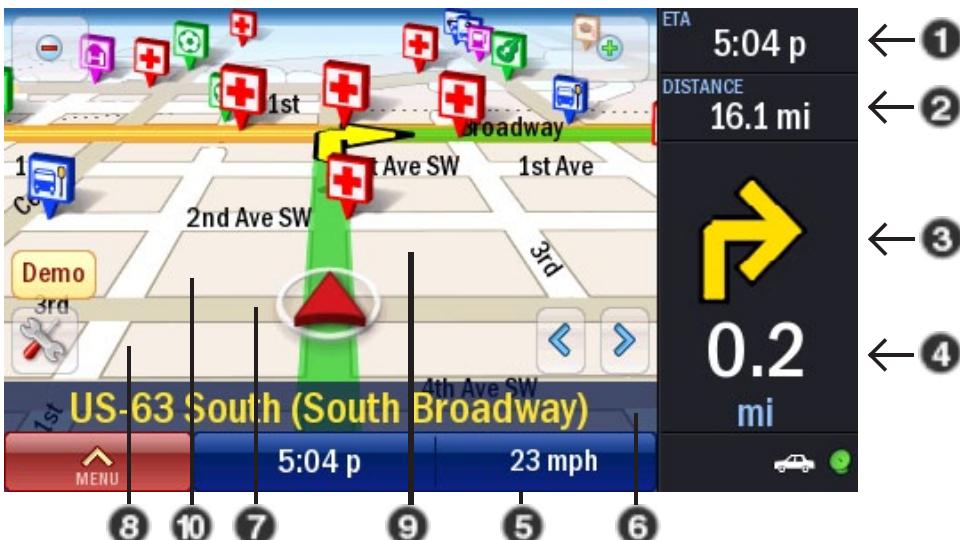
Tip: GPS signal will be limited or blocked inside buildings, tunnels, or parking garages. To work effectively the PC*MILER Navigator should be mounted in the supplied windshield cradle with a clear line of sight to the sky.



You are now ready for your first trip!

On Screen Information

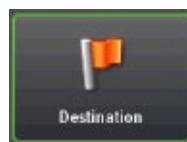
The PC*MILER Navigator will guide you to your destination with spoken instructions as well as clear on-screen instructions. Your screen will look similar to the one below. By default your current location is displayed at the bottom of the map. See the Guidance section on page 47 to learn how to modify the information displayed.



1	ETA	6	Approaching Turn
2	Distance to Destination	7	Current Position
3	Next Turn Direction	8	Driving View Shortcut
4	Distance to Next Turn	9	Route Ahead Highlight
5	Information Options	10	Demo Controls Button

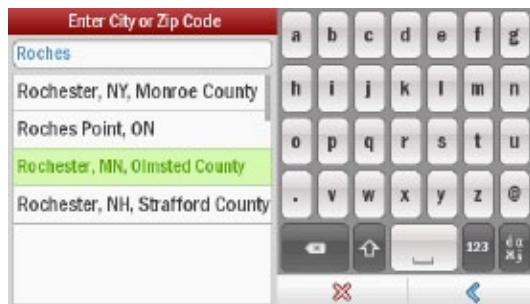
Destination

The PC*MILER Navigator uses GPS satellites to calculate your exact position so you do not need to enter your current location. Simply enter your destination and the PC*MILER Navigator will provide detailed dock-to-dock voice and on-screen instructions to get you there.



Address

- Tap **Menu > Destination > Address**.
- Enter the city/town name or zip code of your destination.
- Scroll through the list by gently pressing the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. You will get the best results and smoother scrolling by using the stylus, although you can use your finger as well.
- Tap the correct city or area when it appears in the list below the city field.
- Do not enter the house or building number yet.
- Enter the first three or four letters of the street name. Select the correct street name when it appears.
- Enter the house/building number, select it, and tap **GO**.



Locate Points of Interest

The PC*MILER Navigator not only guides you to your destination, but also has all the useful places you might need on your journey such as rest areas, truck services, and restaurants.



- Tap **Menu > Destination > Points of Interest**.
- Select the desired search location: **Nearby**, **In different city**, or **On my route**:

Nearby

- Tap the desired category. (If the category you are looking for does not appear, tap **More Categories** on the lower right screen to display more options. Or, search by POI name by tapping the lower left **Search by Name** tab).

For example tap Truck Services > desired truck service from list, such as Highway Exit, Truck Services, Truck Stops, or Weigh Stations.

- Scroll through the list. Gently press the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. Once you have found the desired POI, tap the POI to select it. You will get more precise results and smoother scrolling by using the stylus.
- A details page will be displayed with POI address and map. Tap **GO**.
- Confirm destination by tapping **GO**.

In Different City

- Enter the city/town name or zip code of your destination.
- Scroll through the list Gently press the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. Once you have found the desired

POI, tap the POI to select it. You will get more precise results and smoother scrolling by using the stylus.

- Tap desired category. If the category you are looking for does not appear, tap **More Categories** on the lower right screen to display more options. Or, search by POI name by tapping the lower left **Search by Name** button.

For example tap Truck Services > desired truck service from list, such as Highway Exit, Truck Services, Truck Stops, or Weigh Station.

- Scroll through the list of POIs. Note that the distance listed here is measured from the approximate center of the city, not from your current location. Once you've found the desired POI, tap the POI to select it.
- A details page will be displayed with POI address and map. Tap **GO**.
- Confirm destination by tapping **GO**.

On my route

- Tap desired category. (If the category you are looking for does not appear, tap **More Categories** on the lower right screen to display more options or search by POI name by tapping the lower left **Search by Name** button).

For example tap **Truck Services** > desired truck service from list, such as Highway Exit, Truck Services, Truck Stops, or Weigh Station.

- Scroll through the list. Gently press the stylus to the list and do not remove pressure. Then move the stylus up

and down to scroll the list. Once you have found the desired POI, tap the POI to select it. You will get more precise results and smoother scrolling by using the stylus.

- A details page will be displayed with POI address and map. Tap **GO**.
- Confirm destination by tapping **GO**.



Pick on Map

You can also select a destination from the map.

- Tap **Menu > Destination > Pick on Map**.

A map of the area around your current location will be displayed. Drag the screen to move around the map and tap your desired destination when you find it.

- Confirm destination by tapping **GO**.



Intersection

- Tap **Menu > Destination > Intersection**.
- Enter the name or zip code of the city of the keypad. Select the destination from the list when it appears.
- Enter the first three or four letters of the first street name. Select the street name from the list when it appears.
- A list of all known intersecting streets will appear. Select the desired cross street out of this list.
- Confirm destination by tapping **GO**.

Coordinates

If you know the latitude and longitude of your destination you can enter them directly.



- Select **Menu > Destination > Coordinates**.
- The latitude and longitude can be entered in one of the following formats: **Degrees Minutes Seconds, Decimal Degrees or Decimal Minutes**.
- Enter a latitude and longitude in the selected format.
Tap



The PC*MILER Navigator will take a few moments to find the point. When the point has been located, a map will appear with the location pinpointed by a red flag.

- Confirm destination by Tapping **GO**.

My Places

Save your home, work, recent and favorite addresses so you don't have to enter them every time.

Home



- Tap **Menu > My Places > Home**.
- Enter the city/town name or zip code of your home location.
- Scroll through the list by gently pressing the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. You will get the best results and smoother scrolling by using the stylus, although you can use your finger as well.
- Do not enter house/building number; you will enter this on the next step.
- Enter the first three or four letters of the street name. Select the correct street name when it appears.
- Enter the house/building number. Select the auto-filled address to continue.
- Confirm destination by tapping **GO**.

Work



- Tap **Menu > My Places > Work**.
- Enter the city/town name or zip code of your work location.
- Scroll through the list by gently pressing the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. You will get the best results and smoother scrolling by using the stylus, although you can use your finger as well.
- Do not enter house/building number; you will enter this on the next step.
- Enter the first three or four letters of the street name. Select the correct street name when it appears.

- Enter the house/building number. Select the auto-filled address to continue.
- Confirm destination by tapping **GO**.



Recent

- Tap **Menu > My Places > Recent**.
- Scroll through the list and tap the desired recent location.
- Confirm destination by tapping **GO**.



Favorites

- Tap **Menu > My Places > Favorite**.
- Tap  **Add New**
- Repeat address steps from destination section on page 13.



Truck Routing

- Tap **Menu > Truck > Routing**.

1. New Routing Profile

- Select desired vehicle type then tap 

NOTE: The PC*MILER Navigator's default setting is the Truck routing.



2. Routing - Dimensions

- Personalized routing dimensions are: Max Height, Max Width, Trailer Length, Total Weight and Total Weight/Axle.
- To change personalized routing dimensions, tap the routing dimension to be changed > enter dimension > tap **Save**.

- Repeat this procedure until all personalized routing dimensions are entered, and then tap 

3. Custom Routing Type

WARNING: Changing these values will change how CoPilot Truck calculates your ETA as well as how it determines the optimal route.

4. Routing - Hazmat

- Select personalized hazmat routing options then tap 

5. Routing - Tolls

- Select personalized toll preferences then tap 

6. Routing - More

- Select personalized routing preferences such as Scenic Route, National Network, 53ft Trailer, Override Restrictions, and International Borders Open (see page 54 for a description), then tap 

7. Routing Type

- Select Practical or Shortest for your routing type.

Practical routes represent distances and driving routes that a driver would normally take to minimize time and cost.

Shortest routes represent distances and driving routes a vehicle would take to minimize total distance traveled while still following a reasonable route.

- Tap  to continue.

8. Save Profile (Optional)

- This step is **OPTIONAL**. To save the profile, enter a name and tap . To skip, just tap  without entering a name.

Routing Profiles

- Tap on **Menu > Truck > Routing Profiles**.
- Tap **New** to create new routing profile.
- Tap  to scroll through saved routing profiles.
- Tap **Edit** to change saved routing profiles.
- Tap **Delete** to remove saved routing profiles.



State Mileage Logs

The PC*MILER Navigator will automatically track state fuel mileage for state fuel tax reporting when used for every trip. State mileage logs list the mileage totals by state and month as recorded by the device.

- Tap on **Menu > Truck > State Mileage Logs**.



NOTE: For accurate reporting PC*MILER Navigator must be used for all trips.

Settings

To enable state mileage logging and to delete existing logs:



- Tap on **Menu > Truck > Settings**.
 - Select **Enable State Mileage Logging** or **Delete Existing Logs**

WARNING: You will not be prompted to confirm when deleting state mileage logs. Deleted state mileage logs cannot be retrieved.

Quick Stop

The Quick Stop function helps you easily locate a nearby truck service, gas station, restaurant, or hotel.



For example, when travelling on a long journey you can use the Quick Stop feature to help you search for a local hotel, find their number, and call them using your phone.



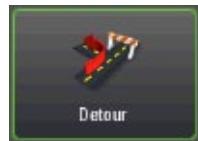
- Tap **Menu > Quick Stop**.
- Tap desired category from quick stop list (i.e. Truck services, Gas Station, Restaurant, or Hotel).
- Scroll through the list and tap the desired quick stop when it appears in the list.

Scroll through the list by gently pressing the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. You will get the best results and smoother scrolling by using the stylus, although you can use your finger as well.

- Tap **Show Map** to display all nearby facilities on a map. To return to the facilities list, select **Show List**.
- Tap **Search by Name** to type the name of a facility and select the one you want when it appears in the list. For example, to look for a specific hotel, begin to type 'Hil' then select 'Hilton' to add this hotel as a destination.
- Tap  to stop searching for facilities.

Detour

You can program the PC*MILER Navigator to make a detour, avoiding part of the calculated route.



Alternate Route

If you are unhappy with the whole route PC*MILER Navigator has planned for you:



- Tap **Menu > Detour > Alternate Route**.

PC*MILER Navigator will compile a different route if a sensible alternative exists. A map of the proposed detour will be displayed. Tap **Accept** to agree or **Decline** to return to the previous route.

End Detour

If you are on a detour route and would like to return to the original trip.



- Tap **Menu > Detour > End Detour.**

Avoid Roads

- Tap **Menu > Detour > Avoid Roads.**



An itinerary of your trip will appear. Tap on the road you would like to avoid.

PC*MILER Navigator will take a few moments to plan an alternate route avoiding the selected road. It will display any change in distance and/or ETA of the new route as well as a map of the new route.



- Tap **Accept** and PC*MILER Navigator will begin directing you according to the new route.
- If you decide not to use the new route, tap **Clear** and try another route or tap **Cancel** to return to your original route.

Clear Avoided Roads

The PC*MILER Navigator saves the details of roads you wish to avoid. To clear the memory:



- Tap **Menu > Detour > Clear Avoided Roads.**

Plan or Edit Trip

Entering Multiple Destinations



The PC*MILER Navigator allows you to plan a trip with up to 50 destinations in one itinerary.

- Tap **Menu > > Plan or Edit Trip.**

- Tap **Add Stop** then tap desired category listed, for example **Address**.
- Add the first address in the same way as detailed on page 13.
- Repeat these steps to add additional destinations.

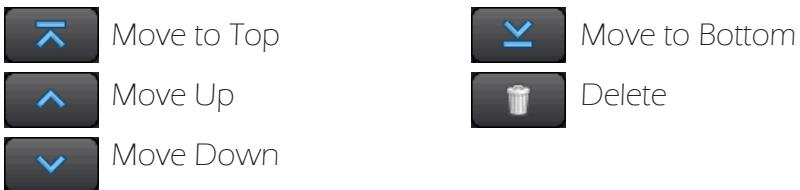


Tip: If you select **Show on Map** from the pop-up menu, a map of the area around the selected stop will be displayed. Tap to return to the trip list.

Customize Your Trip

When you have entered all your destinations you can change the order in which they appear.

- Tap the address you wish to move. A pop-up menu will appear containing a list of options: Set As Stop, Show on Map, Add to Favorites, Send This Location and the following



- Tap the desired option. The selected stop will move to its new position in the trip list.



Setting Waypoints

PC*MILER Navigator can route you through a certain point without considering it as a stop. By setting waypoints you can adjust PC*MILER Navigator's route to calculate a detour via the waypoint.

- Tap **Menu** > > **Plan or Edit Trip**.

Enter the waypoint address or place in the same way detailed in selecting a **Destination** on pages 13.



- The address will appear on the trip list as a stop, with a flag icon  next to it.
- Tap the address and a pop-up menu will appear containing a list of options. Tap **Set as Waypoint**.



The address will now be listed as a Waypoint, with an arrow icon  rather than a stop to indicate that it is a Waypoint

- To change a Waypoint back to a Stop, tap the address and select **Set as Stop** from the pop-up menu.

Save Trip

When you have finished entering all your destinations, you can save your trip to access at a later date, rather than start driving right away.

- Tap **Options > Save**.
- Enter a name for the trip you are saving. Tap **OK** and your trip will be saved.

To Load a Saved Trip

- Tap **Options > Load**.
- Tap the trip that you would like to load from the list then tap **Open > GO**.

To Delete Current Planned Trip

- Tap **Options > Clear**.

You will be asked to confirm this selection. To continue with deleting the trip select **Yes** in the **Warning - Are you sure?** menu.

To Delete Previously Saved Planned Trip:

- Tap **Options > Load**.
- Tap the trip that you would like to delete from the list then tap **Delete**.

NOTE: You will **NOT** be asked to confirm this selection.

Return Trip

Once you have completed your journey, use the PC*MILER Navigator to guide you for your return.

- **Menu** >  > **Plan or Edit Trip** > **Add Stop** > **Return Trip**.
- Select Routing Type by tapping Practical or Shortest and select toll road preferences by using the up and down arrows and tap **OK**.

NOTE: If you do not want to choose the routing type each time, check the box next to Don't show this message again.

- A route preview will be displayed. Tap **Go**.

Optimizing Stops

The PC*MILER Navigator has an Optimize Stops function which will automatically re-order the stops within a trip to create the most efficient route. When you have planned a trip with more than 3 stops:

- Tap **Options** > **Optimize Stops**.



PC*MILER Navigator will take a few seconds to reorder your stops for the most efficient journey.

NOTE: Your start point and final destination will not be altered. However, if you want the final destination to be included in the optimization, select **Options** > **Take Breaks** > check **Optimize Final Destination**.

Estimated Fuel Costs

The PC*MILER Navigator can be configured to estimate fuel costs for a trip.

- Tap **Options** > **Fuel Cost** > check **Show Estimated Fuel Cost**.
- Enter the average miles per gallon (average MPG) for your truck.
- Set currency and enter average cost per gallon then tap 

Take Breaks

The PC*MILER Navigator can alert you to take a break at regular intervals during a trip.

- Tap **Options** > **Take Breaks** > check **Take breaks during trip**.
- **Break Every:** Select how often you would like to take a break.
- **Break For:** Select the length of your breaks.
- Tap 

Driving Views

The PC*MILER Navigator can be customized to meet your individual needs and style. You can choose from six different driving views. To access:



- Tap **Menu** >  > **Driving Views** to choose from all six views or tap the  (driving views shortcut button) to quickly access four of the six views.

3D View

The 3D view displays your current position, next turn and surrounding roads using a bird's eye view.



2D View

The 2D view displays your current position as if you were directly overhead. You may use this view to see more of your surrounding area than with the 3D view.



Driver Safety



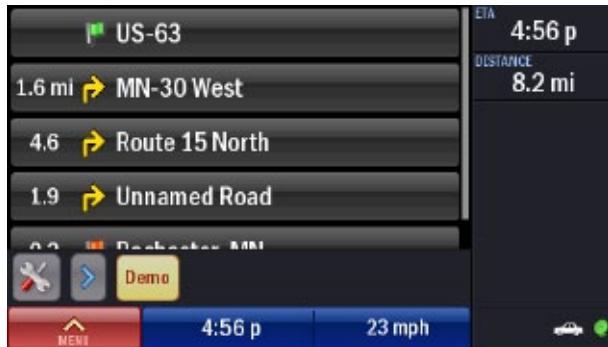
The Driver Safety view displays a turn instruction arrow with concise next turn instructions in large type. In driver safety mode, a map is only displayed as you approach a turn or are traveling below 10 mph. We recommend you choose Driver Safety,



Itinerary



The Itinerary view shows each direction and turn in a written list, including distances.



The 2D Next Turn

The 2D Next Turn view displays your current location and auto zooms into the next turn on a 2D map.



2D Destination

The 2D Destination view shows your route from your current position to your destination.



Day Map/Night Map

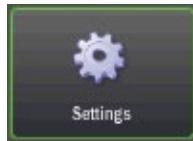
Lets you choose between a regular map for daytime driving and a map with a dark background that reduces glare for easier nighttime viewing.



NOTE: Overrides automatic day/night mode. If you choose Day Map or Night Map from the Driving Views menu, please see the **Day/Night Mode** section on Page 41 to turn automatic switching back on.

Settings

PC*MILER Navigator can be customized to meet your individual needs and style.



Routing

You can set up your routing preferences to best suit you.



- Tap **Menu** >  > **Settings** > **Routing**.
- Tap one of the New Routing Profile options: **Truck**, **Automobile**, **Motorcycle**, **Bicycle**, **Walking** or **RV**, then tap 
- To change personalized routing dimensions, tap desired dimension > enter dimension > tap 

- Confirm the custom routing type numbers and tap 
- Tap personalized hazmat routing options and tap 
- Tap personalized toll preferences and tap 
- Select personalized routing preferences such as Scenic Route, National Network, 53ft Trailer, Override Restrictions, and International Borders Open then tap 
- Select Practical or Shortest routing type and tap 
- Save profile - This step is **OPTIONAL** - To save profile enter a profile name and tap . Or, skip step and tap  to continue.

Map Styles



The PC*MILER Navigator offers a range of map styles to select from.

- Tap **Menu** >  > **Settings** > **Map Styles**.

To set a map style for the daytime, use the **Day** map style by toggling the up and down arrows.

To set a map style for the nighttime, use the **Night** map style by toggling the up and down arrows.



PC*MILER Navigator will automatically switch between the day and night map styles you have selected when it starts to get light or dark outside.

NOTE: If you have chosen Day Map or Night Map from the Driving Views menu, please see the **Day/Night Mode** section on Page 41 to turn automatic switching back on.

Map Display

The PC*MILER Navigator has three map display options:



- **Heading Up:** you will always be travelling upwards on the screen
- **North Up:** holds the map static as you travel along your route
- **Show Turn Restrictions:** choose to display turn restrictions by checking or un-checking the box

To adjust the map display to your preference:

- Tap **Menu** >  > **Settings** > **Map Display**.
- Set your map display preferences by checking or unchecking the respective box.



- Tap **OK** to apply the settings and return to the Settings menu.

Sound



To adjust the sounds of the PC*MILER Navigator:

- Tap **Menu** > > **Settings** > **Sound**.



- Increase and decrease the volume using the and arrows.
- Check box to **Mute** sound.
- Un-check the **Button Click Sounds** box to turn off click sound when you touch the screen.
- You will hear “Welcome to CoPilot Truck” greeting when you launch your PC*MILER Navigator. Un-check **Say Welcome to CoPilot Truck** to stop the greeting.
- Tap **OK** to apply the settings and return to the Settings menu.

GPS Status



To check the GPS Status:

- Tap **Menu** > > **Settings** > **GPS**.

The GPS Status screen shows detailed information regarding the GPS fix and signal strength which your PC*MILER Navigator uses for guidance. From this screen you can see your current latitude or longitude position in decimal degree format, the UTC time and date, your speed and your elevation.

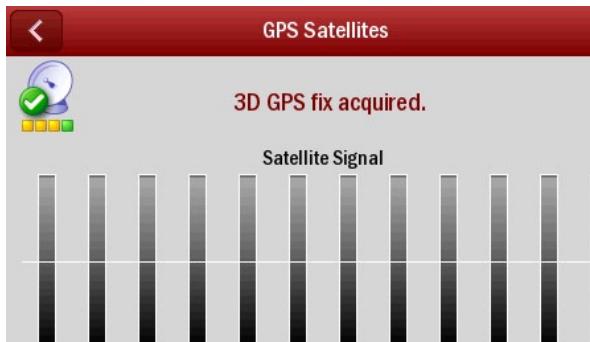


NOTE: Your GPS signal will be limited or blocked when the receiver is inside buildings, tunnels, or garages. To work effectively the GPS receiver needs to have a clear line of sight to the sky.

To check the GPS Satellites:

- Tap **Menu** > > **Settings** > **GPS** > **Satellites**.

The GPS Satellites screen displays satellite signal strength and the type of GPS fix acquired.



DO NOT USE the **GPS Setup** menu without direction from **Technical Support**. The PC*MILER Navigator is ready out of the box and does not require GPS setup. Changing options in GPS Setup without direction from Technical Support may compromise the PC*MILER Navigator's ability to receive GPS signals.

POI Display



You may choose which POIs to display on the map and how you would like them displayed.

- Tap **Menu** > > **Settings** > > **POI Display**.
- Tap box to choose to show POIs **Always**, **Never**, or **When Stopped**.
- To see or change which POI categories should be shown on the map, select **Currently Displayed POIs** > select specific POI categories to display by checking the boxes then tap **OK**.
- Tap **OK** to apply the settings and return to the Settings menu.

Turn Warnings



The PC*MILER Navigator will warn you when you are approaching a turn either at 2 miles, 1 mile, 3/10 of a mile, or at the turn.

- Tap **Menu** > > **Settings** > > **Turn Warnings**.
- Check the box to choose when you would like to hear turn warnings.
- You can also choose how many seconds before a turn you want to be warned. Toggle seconds by tapping

- Tap **OK** to apply the settings and return to the Settings menu.

ClearTurn™

CoPilot ClearTurn™ provides a virtual view at complex interchanges and freeway exits. The real sign post information and visual instructions displayed on the road highlight the turn and lane you need.

ClearTurn™ is only available in 3D driving view.



- Tap **Menu** > > **Settings** > > **ClearTurn™**.
- Check the **Display ClearTurn Near Exits** box to enable ClearTurn.™
- Use the arrows to change the distances at which the ClearTurn™ graphics are shown and hidden, respectively.

Language & Voice

You may select the language used for all text and spoken instructions.



- Tap **Menu** > > **Settings** > > **Language & Voice**.
- Tap the desired language for on-screen text.
- Tap **OK** to apply the settings.

- Tap the desired voice. Voices with an * will read street names when providing spoken directions. Tap **OK**.
- Tap **OK** to apply the settings and return to the Settings menu.

Day/Night Mode



Choosing Day or Night Mode will force your PC*MILER Navigator to use the Day or Night map style you selected (see page 34). Selecting Automatic will allow your PC*MILER Navigator to automatically switch between Day and Night map styles at the appropriate time of day.

- Tap **Menu** > > **Settings** > > > **Day/Night Mode**.

Units of Measure



To set your preferences for the type of units used in maps and instructions:

- Tap **Menu** > > **Settings** > > > > **Units of Measure**.
- Tap **English/Imperial** or **Metric**.
- Tap **OK** to apply the settings and return to the Settings menu.

Backlight



Adjust your device's backlight settings to save battery power.

- Tap **Menu** > > **Settings** > > > > **Backlight**.
- Tap **On with GPS**, **Always On**, **On Near Turn**, or **Use Device's Settings**.
- Tap **OK** to apply the settings and return to the Settings menu.

Info Bar

4:31p 14min

Once you've planned a journey and selected **GO**, the PC*MILER Navigator will display a driving view with useful information about your journey in the Info Bar at the base of the screen.

You can decide how the information bar should be displayed and select what information is shown.

- Tap **Menu** >  > **Settings** >  >  > **Info Bar**.
 - **Single Display** - Shows only one of the information options, for example your estimated time of arrival at a destination.
 - **Dual Display** - Lets you select two information options, for example your estimated time of arrival and distance remaining to destination.
 - **Loop Single Display** - Cycles through all options one after the other.

Tip: You may also change the info bar options by tapping it when it is displayed below your current position.

- Decide from the following options what information is to be displayed.

Destination

Nearest Crossroad

Estimated Time of Arrival

Estimated Travel Time

Altitude

Heading

Current Road

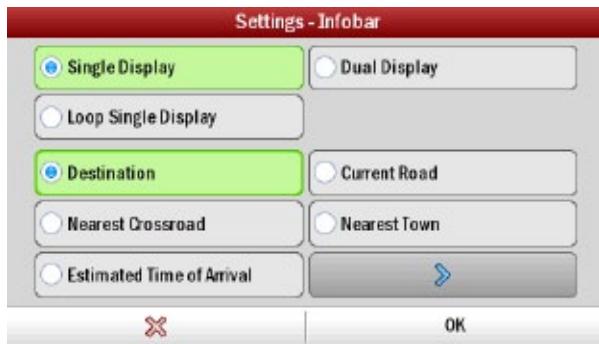
Nearest Town

Speed

Distance Remaining

Latitude/Longitude

- Tap **OK** to apply the settings and return to the Settings menu.



Themes

PC*MILER Navigator is set to a Default theme and cannot be edited.

Time Zone

- Choose desired time zone by scrolling through the list, then tap **OK**.

Play Demo

You can watch a demonstration of how PC*MILER Navigator will guide you on your journey.



- Tap **Menu** > > **Settings** > > > > > **Play Demo**.
- Tap the icon on the map to open a panel of buttons that let you control the demo or track playback.
- Tap **Slower** or **Faster** to control the speed of the demo.
- Tap to go back to the beginning of the demo or track.
- Tap to go back to the most recent turn.
- Tap to pause.
- Tap to forward to the next upcoming turn.

- Tap  to close the demo or track.
- Tap  GPS Tracks to play back a previously completed trip.
 - Select the trip from the Track Playback list.
 - Tap **Play** to start playback.



About CoPilot



To access the version and data number of your CoPilot Truck software:

- Tap **Menu** >  > **Settings** >  >  >  > **About CoPilot**.

Show More Settings



The first time you start the PC*MILER Navigator, the settings for some of the more advanced features will be hidden. To view the hidden settings:

- Tap **Menu** >  > **Settings** >  >  >  > **Show More Settings**.

The following additional settings will now be displayed:

POI Alerts
Manage POIs
Guidance
Speech

Routing Profiles
GPS Track Playback
Data Region
Licensing

- To hide additional settings tap **Menu** >  >  >  > **Show Fewer Settings**.

POI Alerts

This option is only visible when Show More Settings is selected from the Settings menu. You can choose which POI categories should be displayed on screen and set the distance at which you would like to be informed about them.

- Tap **Menu** >  > **Settings** >  > **POI Alerts**.

To choose which POI categories to display:

- Select specific POI categories to display by checking the boxes.
- Tap **OK** to apply the settings and return to POI Alerts.
- Tap **OK** to apply the settings and return to the Settings menu.

To set the distance for POI alerts:

- Use the arrow buttons   to set how far ahead you would like your PC*MILER Navigator to look for POIs.

- Select whether to show POIs that are **On Route** or **Near Route**.

Manage POIs



This option is only visible when Show More Settings is selected from the Settings menu. The PC*MILER Navigator lets you add new POIs and create new POI categories. To add your own POIs to existing POI categories or create your own personal categories:

- Tap **Menu** > > **Settings** > > **Manage POIs**.
- Choose either Edit POIs or Edit POI Sets.

Edit POIs



- Tap **Add** button.
- Choose to add an address, intersection, map location, coordinates, or return trip to your POI database.
- Select a POI category in which to place your new POI by tapping on it and tap
- Select a Type or create New Type and tap
- Enter a name for the category you are saving and tap **Continue**.

To Create a New Category:

- Tap **New Category** button.
- Enter a name for the category you are saving and tap
- Tap image you would like your new category to be displayed as and tap

- Enter a name for the place you are saving and tap **Continue**.

To Create a New Type:

- Tap **New Type** button
- Follow steps for creating new category above.

Edit POI Sets



This feature allows you to manage and edit POI data sets either created by yourself or purchased and downloaded to PC*MILER Navigator through CoPilot Central

- Select the data list that you want to adapt and press the **Edit** button. You can edit a specific record or add another record following the same steps outlined in **Edit POIs**.

Guidance



This option is only visible when Show More Settings is selected from the Settings menu. You can adjust the way PC*MILER Navigator guides you.

- Tap **Menu** >  > **Settings** >  > **Guidance**.

To decide the adjustments, choose from the following:

- **Turn After Next Distance** - Your PC*MILER Navigator will show you the turn that closely follows your current next turn. Use the arrows to select at what distance you would like the PC*MILER Navigator to look ahead for this following turn.

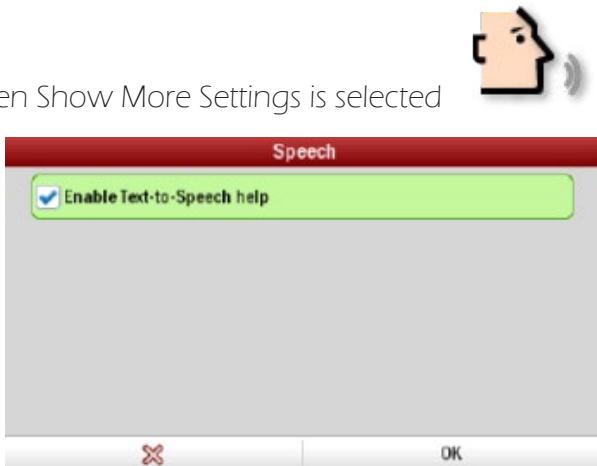
- **Walking Mode** - When you are using the PC*MILER Navigator while walking, check Display Breadcrumb to show a dotted line between your start and end destinations to help you navigate.
- Tap **OK** to apply the settings and return to the Settings menu.

Speech

This option is only visible when Show More Settings is selected from the Settings menu.

The PC*MILER Navigator provides help by speaking prompts such as "enter city or zip code."

Text-to-Speech help is enabled by default. To remove the Text-to-Speech help function:



- Tap **Menu** >  > **Settings** >  > **Speech**.

Routing Profiles

This option is only visible when Show More Settings is selected from the Settings menu. Use the routing profiles option to choose how PC*MILER Navigator routes you on your journey.

- Tap **Menu** >  > **Settings** >  >  >  >  > **Routing Profiles**.
- Select a routing profile from the Select Routing Profile list or create new routing profile. See page 19 to for instructions on creating a new routing profile.



Tip: You may also use the **Menu > Truck > Routing Profiles** button to access this feature



GPS Track Playback

This option is only visible when Show More Settings is selected from the Settings menu. The PC*MILER Navigator automatically records your journeys as GPS Track files. To playback a previously completed journey:

- Tap **Menu** > > **Settings** > > > > > **GPS**
Track Playback.
- Select a track from the list by tapping on it then tap **PLAY**. See page 43 - 44 to demo playback instructions.

Licensing



This option is only visible when Show More Settings is selected from the Settings menu. Use this option to access the licensing information of your CoPilot Truck software. The licensing settings allow you to activate/deactivate license regions. (Currently only North American Data is available.)

- Tap **Menu** > > **Settings** > > > > > > **Licensing**.

Data Region



This option is only visible when Show More Settings is selected from the Settings menu. If you have maps for various regions, you can choose which maps to use depending on where you're travelling. (Currently only North American Data is available.)

- Tap **Menu** >  > **Settings** >  >  >  >  > **Data Region**.
- Tap **Data Region**.
- Tap **OK** to apply the settings and return to the Settings menu.

Restore Default Settings



To restore your PC*MILER Navigator to its original factory settings.

- Tap **Menu** >  > **Settings** > **Restore Default Settings**.
- Tap **OK** on the Reset all settings? pop up menu

All your settings will be reset and the navigation software will close. You will be returned to the PC*MILER Navigator's main menu. When next starting the software, your old settings will be cleared but your favorite and recent locations will not be deleted.

MapSure™

Stay up to date with MapSure™. CoPilot's MapSure service keeps you up to date with changes in the highway network by providing quarterly map updates of USA and Canada.

MapSure™ Updates

You can download the latest map update to your PC*MILER Navigator via a desktop computer using a free software program called CoPilot Central. Please visit www.pcmnav.com and click on the ALK's MapSure™ quick link to install this software and for more information.

Report Road Changes

With MapSure™, you can also report changes and improvements to the road network which will be verified and added to the quarterly map updates. Visit www.alk.com/maps/ to report a map change or update.

Save Current Location

You can save your current GPS location as a destination so you can enter it quickly next time. The following are examples of situations when the Save Current Location would be useful:



- When you find a mechanic you like and trust while on the road
- To identify areas of heavy construction for future avoidance

- Tap **Menu** >  > **Save Current Location**.

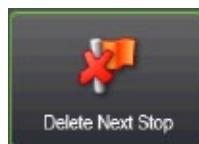
- Enter a name for the location you are saving and tap **OK**.

The location will be saved in your Favorites list.

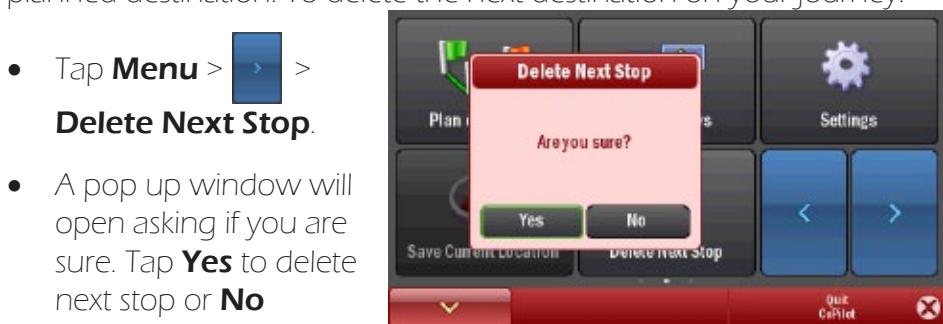
NOTE: A GPS fix is required to save current location.

Delete Next Stop

Once you have planned a route and selected **GO** to start navigating, you may decide not to go on to your next planned destination. To delete the next destination on your journey:



- Tap **Menu** >  > **Delete Next Stop**.
- A pop up window will open asking if you are sure. Tap **Yes** to delete next stop or **No** to cancel.



Tips & Tricks

PC*MILER Navigator is full of great features. To help you get to know them, we have included Tips and Tricks when you launch your PC*MILER Navigator the first time. (See page 52 for additional information on tips and tricks)

Additional information for CoPilot Live is available on the web at www.copilotlive.com/ support. To find the online address easily

- Tap **Menu** >  >  >  **Tips & Tricks.**

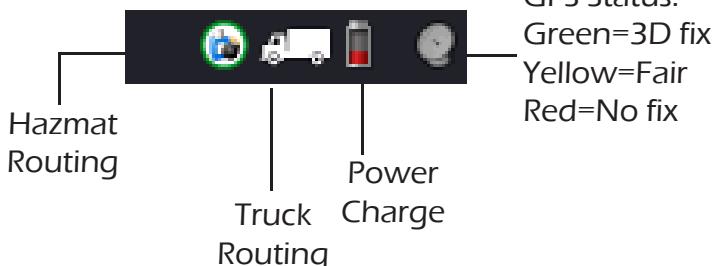


In Use

ETAs and Distances

The estimated time of arrival (ETA) and the distance remaining are displayed on the right of the screen regardless of the driving view you have selected.

Tip: What are These?





FOR YOUR SAFETY

CoPilot Truck is designed as a tool to get you from Point A to Point B along the most efficient and truck-specific routes. However, some of the information in the database may change from time to time.

You must stay alert and pay attention to road signs at all times.

Support

Visit the support section at **www.pcmnav.com** for Frequently Asked Questions (FAQs) and additional information.

Software Support

For issues related to CoPilot Truck GPS navigation software, please send an e-mail to **techsupport@alk.com** or call **408-916-9128**. For any map or routing problems, please visit **www.alk.com/maps/** and provide as much detail as possible.

Hardware Support

For issues relating to the unit itself or accessories, please e-mail **pcmnnavhwsupport@alk.com** OR call **507-226-0042**.

Our support team is available Monday to Friday
8:30 AM to 4:30 PM CST.

E-mails will be answered within 1-2 business days.

Register your CoPilot

Register your PC*MILER Navigator solution at **www.pcmnav.com**.

PC*MILER Routing Types

Practical Routes: Practical routes represent distances and driving routes that a driver would normally take to minimize time and cost. Practical routes model the trade-off between taking the most direct path and staying on major, high quality highways. Interstate highways are given a higher priority than toll roads, which, in turn, are given a higher priority than secondary highways, and so on.

PC*MILER Practical Routes consider distance, road quality, terrain, urban/rural classifications, truck-restricted roads, and designated principal and secondary through routes.

PC*MILER Practical Route mileage and state-by-state mileage breakdowns can be used to supplement your regular fuel tax reporting documents for many states. Many state audit departments have purchased licenses to incorporate PC*MILER Navigator into their audit procedures.

Economic Routes: Economic routes favor major roads over local ones to optimize fuel mileage.

Shortest Routes: PC*MILER Shortest Routes represent distances and driving routes that a vehicle would take to minimize total distance traveled while still following a reasonable route. For instance, Shortest Route mileage and routes will also avoid truck-restricted roads and, in some cases, may favor a beltway rather than traveling directly through a city.

ALK believes, however, that carriers and shippers alike would all be better served by using a mileage tariff based on actual miles traveled (i.e. similar to those generated using the PC*MILER Practical Route Option), which would more accurately reflect true transportation costs.

National Network Routes: The National Network is a U.S. government-designated system of highways originally established by the Surface Transportation Assistance Act of 1982 (STAA). This routing option is based on the federally-designated National Network system updated in the April, 1992 Code of Federal Regulations, Part 658, Appendix A. The National Network includes the Interstate System (several minor segments are not included), and many selected U.S. and state highways. Highways continue to be added to the National Network by federal and state governments.

PC*MILER National Network routing represents distances and driving routes which are most reasonable and legal for the larger trucks authorized by the Surface Transportation Assistance Act of 1982.

National Network routing stays on the National Network to the maximum extent possible. Given that many areas are not directly served by the National Network, the origin and stop-offs of your route may not be on the National Network. In these cases PC*Miler will take the shortest reasonable path from the origin and stop-offs to the Network. Detailed Route Reports (driving directions) for PC*MILER National Network routes provide a warning wherever the route is forced to use a non-conforming link. These road segments should be checked before traveling, as National Network mileage tends to be higher than Shortest or Practical mileage.

These designated highways permit, at a minimum, 102" wide, single 48 ft. trailers and 28 ft. double trailers. The interstate system and most, but not all, remaining designated routes are open to 80,000 pound vehicles. Certain states, notably Arkansas and Mississippi, have designated certain National Network segments with less than an 80,000 pound capacity.

In addition to the national Network highways, access routes and access policies are components of routing STAA dimensioned trucks. The Federal government has mandated that no state may prohibit travel from the National Network for a minimum of one road mile unless safety restrictions apply. Additionally, no state may deny reasonable access to terminals and facilities for food, fuel, repairs, and rest.

Several states maintain more generous access policies and lists of specifically designated access routes to terminals and facilities. (For detailed information about pre-approved access routes, contact the individual states.) Should you need to travel beyond the National Network and the access roads, you must acquire the proper permit.

NOTE: These suggested National Network routing are based on official highway maps, the Code of Federal Regulations. Suggested National Network routing is based on information provided by state governments. It is provided without warranty of any kind. The user assumes full responsibility for any delay, expense, loss, or damage which may occur as a result of its use.

53 Foot Trailer Routing: Because every mile equals money, PC*MILER now offers enhanced routing specifically for 53'/102" trailers. The calculations for these routes are based on National Network routing, with the addition of roads that permit 53'/102" trailers.

Detailed Route reports for PC*MILER 53' Trailer routes now provide a warning wherever the route is forced to use a non-conforming link (a red exclamation point also appears in the route window for the generated route).

Heavy/Light Vehicle Routing (Override Restrictions): In addition to the five basic route

types, the Heavy and Light Vehicle routing option is also a critical setting. A “heavy vehicle” is one weighing at least 80,000 pounds; a “light vehicle” weighs less than 80,000 pounds.

When Override Restrictions is left unchecked, Heavy Vehicle routing will be in effect, so both truck-prohibited and truck-restricted roads will always be avoided. In addition, Heavy Vehicle routing takes nationwide 13' 6" height restrictions into account.

Override Restrictions is part of the standard routing profile setup.

Toll Roads Routing: If Avoid If Possible is checked, PC*MILER Navigator will avoid long stretches of toll roads but won't take long, impractical detours, to avoid toll bridges and tunnels. Example: a trip from Boston, MA to Albany, NY avoids the Massachusetts Turnpike, but a trip from Camden, NJ to Philadelphia, PA includes a toll bridge.

International Borders Open Routing: If this option is checked, the calculated trip will ignore international boundaries (Canada and Mexico) when necessary to generate the best route. If this option is not checked the calculated trip will never cross international boundaries. For example, if all your stops are in the United States, the route will stay in the U.S. even though the most practical or shortest route would involve some Canadian mileage.

Hazmat Routing: PC*MILER Navigator calculates routes for hazardous materials based on over thirty different road categories. Hazmat route options include: General, Caustic, Explosives, Flammable, Inhalants, and Radioactive. To calculate normal (non-hazmat) PC*MILER routes, select None. The table in Appendix B on the next two pages shows how each PC*MILER hazmat route type handles each hazmat road category.

Hazardous Material Route Types & Road Categories: The PC*MILER Navigator calculates routes for hazardous materials based on over thirty different road categories. The table below and on the next page shows how each PC*MILER hazmat route type handles each hazmat road category.

Favor = routing will prefer these segments

Avoid = routing will go around these segments whenever possible

No Change = routing will not be altered in any way

Discourage = a lesser degree of avoidance, used when a state or road authority allows hazmat only at certain times of day, with prior notification, by permit, or in limited quantities, and for tunnels not otherwise classified.

#	Hazmat Routing Category	PC*MILER®/HazMat Routing Type						Detailed Route Report Restriction Column Text	Map's HazMat Restriction Legend
		General	Caustic	Explosives	Flammable	Inhalants	Radioactive		
0	None	no change	no change	no change	no change	no change	no change		none
1	Alternate	favor	favor	favor	favor	favor	favor		Desig/Pref Alt
2	Preferred	favor	favor	favor	favor	favor	favor		Desig/Pref Alt
3	Designated	favor	favor	favor	favor	favor	favor		Desig/Pref Alt
4	Prohibited	avoid	avoid	avoid	avoid	avoid	avoid	Prohibited	Prohibited
5	Restricted	discourage	discourage	discourage	discourage	discourage	discourage	Restricted	Restricted
6	Unused	-	-	-	-	-	-		-
7	Explosive Designated	no change	no change	favor	no change	no change	no change		Desig Expl
8	Inhalant Designated	no change	no change	no change	no change	favor	no change		Desig Inhal
9	Explosive & Inhalant Designated	no change	no change	favor	no change	favor	no change		Desig/Pref Alt
10	Tunnel	discourage	discourage	discourage	discourage	discourage	discourage	Tunnel	Restricted
11	Tunnel & Alternate	favor	favor	favor	favor	favor	favor		Desig/Pref Alt
12	Tunnel & Preferred	favor	favor	favor	favor	favor	favor		Desig/Pref Alt
13	Tunnel & Designated	favor	favor	favor	favor	favor	favor		Desig/Pref Alt
14	Tunnel & Prohibited	avoid	avoid	avoid	favor	avoid	avoid	Proh. Tunnel	Prohibited
15	Tunnel & Restricted	discourage	discourage	avoid	avoid	avoid	avoid	Restr. Tunnel	Restricted
16	Unused	-	-	-	-	-	-		-
17	Unused	-	-	-	-	-	-		-
18	Caustic, Explosive, Flammable & Radioactive Prohibited	no change	avoid	avoid	avoid	no change	avoid	Many Commodities Prohibited	Some Comds Prohib.
19	Explosive Restricted	no change	no change	no change	no change	no change	no change	Expl. Restr.	Restricted
20	Unused	-	-	-	-	-	-		none
21	Explosive & Flammable Prohibited	no change	no change	avoid	avoid	no change	no change	Expl. & Flam. Prohibited	Some Comds Prohib.
22	Radioactive Preferred	no change	no change	no change	no change	no change	favor		Desig Rad
23	Radioactive Designated	no change	no change	no change	no change	no change	favor		Desig Rad
24	Radioactive Prohibited, Explosive Restricted	no change	no change	discourage	no change	no change	avoid	Rad. Prohib. Expl. Restr.	Some Comds Prohib.
25	Radioactive Prohibited	no change	no change	no change	no change	no change	avoid	Rad. Prohib.	Some Comds Prohib.
26	Escort Needed	no change	no change	no change	no change	no change	no change	Escort	none
27	Unused	-	-	-	-	-	-		none
28	Explosives, Inhalant & Radioactive Designated	no change	no change	favor	no change	favor	favor		Desig/Pref Alt
29	Radioactive & Explosive Designated	no change	no change	favor	no change	no change	favor		Desig/Pref Alt
30	Radioactive & Explosive Prohibited	no change	no change	avoid	no change	no change	avoid	Rad. & Expl. Prohib.	Some Comds. Prohib.
31	Radioactive & Explosive Restricted	no change	no change	discourage	no change	no change	discourage	Rad. & Expl. Restr.	Restricted

Note: U.S. hazardous material routing restriction/designation information taken from *The National Hazardous Materials Route Registry* provided by the Federal Motor Carrier Safety Administration (FMCSA); and various other state and federal sources. Canadian hazmat data derived from government and municipal sources in each Province and Territory, and includes hazmat restrictions for major Canadian bridges and tunnels.

Icon Legend

Truck Specific Icons Legend



Truck-Routing



Route-Weight
Warning



Hazmat-Routing



Route-Width
Warning



Truck-Restricted



Route-Height
Warning



Hazmat-Restricted



Truck Services



Route-Length
Warning



Border Crossing

General POI Icons Legend



Airport



Attractions



Auto Dealership



Bank



ATM



Border Crossing

	Bus Station		Place of Worship
	Entertainment		Parking
	Event Facility		Railway Station
	Ferry Terminal		Rest Area
	Gas Station		Restaurant
	Grocery Store		Retail
	Hotels		Rent a Car
	Marina		Schools & Universities
	Medical		Sports & Recreation
	Municipal		Truck Services
	Other		Vehicle Repair

Trouble Shooting

WHAT IS THE SD CARD SLOT FOR?

Memory card slot may be used for future map updates.

WHY WON'T MY UNIT TURN ON?

The power button must be held down for 4 seconds for the unit to turn on. If that does not work, check the power. Does the battery need to be charged? When connected to the power cord does the charging light come on? If the unit still does not turn on, press the reset button on the back of the unit.

WHY AM I UNABLE TO GET A GPS SIGNAL OR FIX?

The very first time you use the navigator, it can take up to 10 minutes to initialize the GPS and get a fix on your current location. After the first time, GPS reception should start within 1 minute of turning on the device. If the navigation device has been switched off for more than 1 week, the next initialization can take up to 5 minutes. For the GPS to properly receive satellite data it needs a clear view of the sky. The most common limitations to receiving GPS signals are urban canyons, tunnels and metallic surfaces. Most of the time, this is not an issue. If you are experiencing difficulty, place your unit near the rearview mirror.

WHY IS THE NIGHT MODE NOT WORKING?

The Night map style maybe set to a Day map style (See page 34 to set the Night map style).

MY DEVICE IS STUCK ON A BLANK SCREEN WITH A "+" SIGN?

This is the calibration screen. Using the stylus (stored in the back of the cradle), please touch the exact middle of the "+" it will move to the top left of the screen, again, please touch the exact middle of the "+" sign with the stylus. Keep following the "+" sign and touching the center of it, until the screen goes white and the menu screen returns to the view.

WHY DOES MY UNIT SOMETIMES MISS ANNOUNCING THE STREET NAME?

When one turn immediately follows another, the name of the second street is not announced. This is to ensure you have the information needed to make the correct turn.

WHAT IS THE DIFFERENCE BETWEEN SEARCHING FOR A POI NEARBY AND SEARCHING FOR A POI NEAR A DESTINATION?

POI nearby searches for destinations located within a given radius of your current location. This feature is useful for locating destinations such as the next gas station or closest hospital. POI near a destination searches for destinations located within a given radius of that destination. This feature is helpful for planning trips and does not require satellite reception.

Additional FAQs can be found on www.pcmnav.com.

EULA

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Limited Warranty: ALK warrants that the Software will perform substantially in accordance with the applicable documentation for a period of 30 days from the date of purchase. Any implied warranties relating to the Software are limited to such 30 day period provided that limitation is permitted by applicable law.

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Noetic, Inc.

3111 19th Street NW

Rochester, MN 55901-6606

FCC Part 15 Compliance Statement

This device is in conformance with Part 15 of the FCC Rules and Regulations for Information Technology Equipment. Operation of this product is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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